



SMOOTHER WORLD BETTER LIFE

Technical Data Sheet

QH-EP00 Open Gear Oil

Service Temperature

-10 °C to +180 °C

Examples of Application

- Girth gears and pinions on large mills
- Open gear drives on rotary kilns
- Open gears on rotary dryers and similar drums
- Open gear drives on power plant coal ball mills
- Other equipment-approved low-speed heavy-duty gears

Features and Benefits

- ✓ High-viscosity film protects heavily loaded gears
- ✓ Extreme-pressure protection and friction reduction
- ✓ Helps reduce the risk of tooth surface scuffing
- ✓ Rust protection for metal surfaces

Property	Value	Test Method
Appearance	Black, glossy liquid	Visual
Kinematic Viscosity (100 °C), mm ² /s	313	ASTM D445
Copper Strip Corrosion (100 °C, 3 h)	Pass	ASTM D130
Rust-Preventing Characteristics (Distilled Water)	No Rust	ASTM D665 A
Last Non-Seizure Load (PB), N	980	ASTM D2783
Weld Point (PD), N	7848	ASTM D2783
Wear Scar Diameter (54 °C, 196 N, 1800 r/min, 60 min), mm	0.58	ASTM D4172

Application Notes

- Applications include, but are not limited to, those listed. Select for load, speed, temperature and equipment requirements.
- For centralized or spray lubrication, check pumpability, nozzle suitability and coverage of the gear tooth surfaces.
- Check compatibility and remove old lubricant before changing. Replenish as specified and inspect tooth surfaces regularly.
- Store sealed in a cool, dry, clean place. Prevent entry of water and contaminants.

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed. The SDS is available upon request. Do not use this product for purposes other than the intended application. Take care to protect the environment when disposing of used product.